



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/867,595	05/29/2001	David Boreham	13220.022001;P5835	6566
32615	7590	09/07/2005	EXAMINER	
OSHA LIANG L.L.P./SUN 1221 MCKINNEY, SUITE 2800 HOUSTON, TX 77010			LU, KUEN S	
			ART UNIT	PAPER NUMBER
			2167	

DATE MAILED: 09/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.



(Continuation sheet of PTO-413, Interview Summary of Application 09/867,595)

Concerning claims 1-32 presented in the Amendments, dated December 22, 2004, the Applicant agreed to amend claims 1-32 as shown below:

(Continuation sheet of PTO-413, Interview Summary of Application 09/867,595)

Concerning claims 1-32 presented in the Amendments, dated December 22, 2004, the Applicant agreed to amend claims 1-32 as shown below:

1. (Currently Amended) A method of configuring a directory server comprising a plurality of entries, comprising:

creating the plurals of entries in the directory server;

creating a CoS scheme,

wherein the CoS scheme comprises a CoS definition entry and a CoS template entry,

wherein the CoS Definition entry has a CoS specifier and a value for the CoS specifier,

wherein the value of the CoS specifier in the CoS definition entry appears in the at least one of the plurality of entries as a first attribute type,

wherein the value of the first attribute type corresponds to a relative distinguishing name (RDN) of the CoS template entry associated with the CoS definition entry, and

wherein the CoS template entry comprises at least one attribute value; and

configuring CoS logic to use the CoS scheme to provide the attribute value to at least one of the plurality of entries,

wherein the at least one of the plurality of target entries is within a scope of a parent of the CoS definition entry, and

wherein the directory server supports a Directory Access Protocol (DAP).

2. (Cancel).

3. (Cancel).

4. (Cancel).

5. (Currently Amended) The method of claim 1, wherein the CoS definition entry comprises a list of attribute types, wherein the values associated with the list of attribute types are provided by the CoS scheme using the CoS template en

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Currently Amended) An apparatus comprising:

a directory server comprising:

a plurality of target entries;

a CoS scheme,

wherein the CoS scheme comprises a CoS definition entry and a CoS template entry,

wherein the CoS Definition entry has a CoS specifier and a value for the CoS specifier,

wherein the value of the CoS specifier in the CoS definition entry appears in the at least one of the plurality of entries as a first attribute type,

wherein the value of the first attribute type corresponds to a relative distinguishing name (RDN) of the CoS template entry associated with the CoS definition entry, and

wherein the CoS template entry comprises at least one attribute value; and  
CoS logic configured to use the CoS scheme to provide the attribute value to at least one of the plurality of target entries,

wherein the at least one of the plurality of target entries is within a scope of a parent of the CoS definition entry, and

wherein the directory server supports a Directory Access Protocol (DAPS).

11. (Cancel).

12. (Cancel).

13. (Cancel).

14.(Currently Amended) The apparatus of claim 10, wherein the CoS definition entry comprises a list of attribute types, wherein values associated with the list of attribute types are provided by the CoS scheme using the CoS template entry.

15.(Currently Amended) An apparatus comprising:

a directory server comprising:

a first target entry;

a plurality of attribute-value pairs is associated with one of a plurality of CoS template entries, and wherein each of the plurality of CoS template entries are associated with one of a plurality of CoS definition entries;

a component configured to receive a request for one of the plurality of attribute-value pairs associated with the first target entry;

a component configured to search the plurality of attribute-value pairs to obtain the requested one of the plurality of attribute-value pairs associated with the first target entry; and

a component configured to return the requested one of the plurality of attribute-value pairs associated with the first target entry wherein the first target entry is within a scope of a parent of the CoS definition entry.

16.(Currently Amended) The apparatus as in claim 15, wherein the component configured to search the plurality of attribute-value pairs uses a set of constraints to obtain the requested one of the plurality of attribute-value pairs associated with the first target entry, wherein the set of constraints includes the scope.

17.(Currently Amended) The apparatus of claim 16, wherein the set of constraints comprises determining whether requested one of the plurality of attribute-value pairs associated with the first target entry matches a CoS definition entry associated with the requested one of the plurality of attribute-value pairs associated with the first target entry.

18.(Currently Amended) The apparatus of claim M 16, wherein the set of constraints comprises determining whether requested one of the plurality of attribute-value pairs associated with the first target entry corresponds to an RDN of a CoS template associated with a CoS definition entry.

19.(Currently Amended) The method of claim 1, wherein the CoS definition entry comprises a CoS specifies and a list of attributes, whereby a first one of the plurality of entries within a scope of a parent of the CoS definition entry obtains values for attributes

provided in the CoS definition entry using an attribute with a distinguishing name (DN) value contained within the first one of the plurality of entries.

20.(Currently Amended) The method of claim 19, wherein the DN points to a second one of a plurality of entries which is a valid entry.

21.(Currently Amended) The method of claim 19, wherein the DN points to a second one of the plurality of entries tar-got en y which is a valid entry and the first one of the plurality of entries uses the second one of the plurality of entries as a template.

22.(Currently Amended) The apparatus of claim 10, wherein the CoS definition entry comprises a CoS specifier and a list of attributes, whereby a first one of the plurality of target entries within a scope of a parent of the CoS definition entry obtains values for attributes provided in the CoS Definition entry using an attribute with a distinguishing name (DN) value contained within the first one of the plurality of target entries.

23.(Currently Amended) The apparatus of claim 22, wherein the DN points to a second one of the plurality of target entries which is a valid entry.

24.(Currently Amended) The apparatus of claim 22, wherein the DN points to a second one of the plurality of target entries which is a valid entry and the first one of the plurality of target entries uses the second one of the plurality of target entries as a template.

25.(Currently Amended) The apparatus of claim 15, wherein the plurality of attribute-value pairs uses an indirect CoS scheme.

26.(Currently Amended) The apparatus of claim 25, wherein the component configured to search the plurality of attribute-value pairs to obtain the requested one of the plurality of attribute-value pairs associated with the first target entry includes functionality to

apply at least one constraint in a set of constraints to obtain the requested one of the plurality of attribute-value pairs.

27. (Currently Amended) The apparatus in claim 26, wherein applying the set of constraints determining whether a CoS specifier associated with the component configured to search SM the plurality of attribute-value pairs for the requested one of the plurality of attribute-value pairs associated with the first target entry matches a valid second target entry.

28. (Currently Amended) The apparatus as in claim 27, wherein the second target entry comprises an attribute provided by the indirect CoS scheme.

29. (Cancelled)

30. (Cancelled)

31. (Cancelled)

32. (Cancelled)